

## Composite element

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**Inventor:** PARTUSCH GEORG (DE); POELTL JOERG (DE); MENNE KARL-FRIEDRICH (DE); V WANTOCH HARALD (DE)

**Applicant:** BASF AG (DE)

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EP1077225 (A3)  
DE19939111 (A1)  
EP1077225 (B1)

## Cited documents:



US4381352  
US4194940  
JP6144889

### Abstract of EP1077225

Composite element containing a thermoplastic sheet bonded with the fibre-filled reaction product of a mixture of:

(a) an isocyanate;

(b) a polyether-polyol with a functionality of 1,9-8,0, an OH number of 250-1800 mg KOH/g and 10-100% prim. OH groups; and

(c) an (in)organic acid.

Composite element containing:

(i) a thermoplastic sheet bonded with

(ii) the reaction product of a mixture of..

(a) isocyanate;

(b) polyether-polyalcohol with a functionality of 1,9-8,0, a hydroxyl number of 250-1800 mg KOH/g and 10-100% prim. OH groups;

(c) organic and/or inorganic acid(s);

(d) fibres;

(e) catalysts; and optionally

(f) blowing agents and/or additives.

An Independent claim is also included for roofs, doors, engine hoods, boot lids, spoilers, wind deflectors, end edge flaps and bumpers containing these composite elements.

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